

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	"20050139174".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:15
L4	64	"CLEVELAND, WILLIAM".in. or "SVARCAS, LAIMUTE".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/28 23:15
L5	3956	L4 or "lubrizol".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/28 23:16
L6	238	L5 and \$5carboxyl\$ same2 (polyamine or alkanolamine or (thiol near amine)) and (glycerol near \$oleate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/28 23:16
L7	14	L6 and (("two-stroke" or (two adj stroke) or twostroke) with (lubrica\$5 or composition or oil or fluid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/28 23:19
L8	1098	508/522,454,551,554,542.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:19
L9	248	44/330,427.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:19
L10	1214	123/1A.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:20
L11	2539	L8 or L9 or L10	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:21
L12	6	L11 and \$5carboxyl\$ same2 (polyamine or alkanolamine or (thiol near amine)) and (glycerol near \$oleate) and (("two-stroke" or (two adj stroke) or twostroke) with (lubrica\$5 or composition or oil or fluid))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:22
L13	109	L11 and \$5carboxyl\$ same2 (polyamine or alkanolamine or (thiol near amine)) and (glycerol near \$oleate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:23
L14	18	("20040083729"   "3772359"   "4425138"   "4705643"   "5741764"   "5888948"   "6242394"   "6391833"   "4320020"   "4663063"   "4708809"   "4724091"   "5025316"   "5264005"   "6193767"   "6348075"   "6458172").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:23

L15	503	"4248183"(USPAT) "4258669"(USPAT) "4270054"(USPAT) "4312305"(USPAT) "4325331"(USPAT) "4353331"(USPAT) "4353334"(USPAT) "4413486"(USPAT) "4415313"(USPAT) "4437437"(USPAT) "4454712"(USPAT) "4455125"(USPAT) "4458480"(USPAT) "4459945"(USPAT) "4530338"(USPAT) "4546847"(USPAT) "4552106"(USPAT) "4565167"(USPAT) "4608951"(USPAT) "4776308"(USPAT) "4791894"(USPAT) "4793599"(USPAT) "4807579"(USPAT) "4829945"(USPAT) "4873825"(USPAT) "4884532"(USPAT) "4917054"(USPAT) "4940029"(USPAT) "4966000"(USPAT) "4996953"(USPAT) "5010860"(USPAT) "5016729"(USPAT) "5193062"(USPAT) "5228414"(USPAT) "5243938"(USPAT) "5277155"(USPAT) "5375567"(USPAT) "5383427"(USPAT) "5437251"(USPAT) "5454352"(USPAT) "5491977"(USPAT) "5507253"(USPAT) "5586540"(USPAT) "5699758"(USPAT) "5701864"(USPAT) "5704210"(USPAT) "5713314"(USPAT) "5799629"(USPAT) "6062176"(USPAT) "6158217"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:23
L16	138	("two-stroke" or (two adj stroke) or twostroke) with (lubrica\$5 or composition or oil or fluid or engine) and (power near valve)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:26

L17	312	fuel and (lubrica\$5 or basestock or (base adj oil) or (base adj stock)) and \$5carboxyl\$ same2 (polyamine or alkanolamine or (thiol with amine)) and glycerol near \$oleate and dispersant and (@ad<"20030417"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/28 23:27
L18	0	fuel and (lubrica\$5 or basestock or (base adj oil) or (base adj stock)) and \$5carboxyl\$ near (polyamine or alkanolamine or (thiol with amine)) and glycerol near \$oleate	FPRS; EPO; JPO	OR	ON	2010/12/28 23:27
L19	0	(("two-stroke" or (two adj stroke) or twostroke) and (glycerol near \$oleate) and dispersant	FPRS; EPO; JPO	OR	ON	2010/12/28 23:28
L20	22	(("two-stroke" or (two adj stroke) or twostroke) and fuel and lubricant	FPRS; EPO; JPO	OR	ON	2010/12/28 23:28
L21	2	(("two-stroke" or (two adj stroke) or twostroke) with (lubrica\$5 or composition or oil or fluid or engine)) and (power near valve)	FPRS; EPO; JPO	OR	ON	2010/12/28 23:28

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	719	508/522,454,551,554,542.ccls.	USPAT; UPAD	OR	ON	2010/12/28 23:28
L23	156	44/330,427.ccls.	USPAT; UPAD	OR	ON	2010/12/28 23:29
L24	853	123/1A.ccls.	USPAT; UPAD	OR	ON	2010/12/28 23:29

12/28/2010 11:30:11 PM  
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